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(54) Title: DNA SEQUENCE AND PREPARATION OF GRASS POLLEN ALLERGEN PHL P4 BY RECOMBINANT METHODS

(57) Abstract: The present invention relates to the provision of the genetic sequence of the major grass pollen allergen Phl p 4. The invention also covers fragments, new combinations of partial sequences and point mutants having a hypoallergenic action. The recombinant DNA molecules and the derived polypeptides, fragments, new combinations of partial sequences and variants can be utilised for the therapy of pollen-allergic diseases. The proteins prepared by recombinant methods can be employed for the *in vitro* and *in vivo* diagnosis of pollen allergies.